

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: wa5whn@juno.com (Jay D Miller)
Subject: [4930] "Socorro, NM" in the Dec., '96 issue of "QST", page 43
Message-ID: <19961122.142814.4495.0.wa5whn@juno.com>

Excuse me, "Ham City, USA" ;:-)

Way to go N1IRZ/5 & Crew. For those of You who are interested, the Dec., '96 issue of "QST", page 43 - 46, You may recognize some of the QRP crowd (N1IRZ, NA5N AB5WT, et al).

Ahem, there are 2 Hams (KA8JMW & AB5VC), from Albuquerque, in that one photo on page 43, next to the Trinity Monument.

BTW, for those of You who don't know WB5RZX, he was one of those PBS ("NOVA") Stars, when the subject was lightning.

Also, this Saturday (Nov. 23) is the Socorro, NM Hamfest, aka Ham City, USA Hamfest.

Well Done Dave & Crew :-)

...Jay

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: "Jim Wilson-EJW012" <Jim_Wilson-EJW012@email.mot.com>
Subject: [4887] 'Troubleshooting Analog Circuits'

From: Wilson-EJW012 Jim on Fri, Nov 22, 1996 9:06 AM
Subject: 'Troubleshooting Analog Circuits'

I'm about halfway through 'Troubleshooting Analog Circuits' by Robert A. Pease of National Semiconductor and thought I'd recommend it to the list. Many of you will be familiar with Bob Pease's pithy articles in Electronic Design. Its NOT RF, but it has lots of real good tips and observations about general analog design, components, and building techniques. Published in 1991/93 its 217 pages. An autographed copy is available from the author for \$28.95 (includes shipping).

Write to: Robert A. Pease, 682 Miramar Ave., San Francisco, CA 94112-1232.

Usual Disclaimers (in fact we compete).

jim

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Joel Malman <malman@BBN.COM>
Subject: [4914] 3 things for a Fri afternoon
Message-ID: <199611221810.NAA239664@nss2.CC.Lehigh.EDU>

group,

1. I worked VE9VIC yesterday. Can someone tell me which province that would be in. VE9 is not assigned in my ITU-Callsign prefix list.
2. Can Tom Hudson (of GEL Cell fame) contact me (malman@bbn.com)? Thanks.
3. Can the keeper of the QRP+ archives please contact me, I have forgotten your name and call.

72 and tu,

/joel wa1qvm

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: n2beg@juno.com (Douglas E. Stewart)
Subject: [4879] 40 meter dx, thx Dave nn1g
Message-ID: <19961122.055926.12550.1.n2beg@juno.com>

Hi Gang, one of the silent multitude with an overflowing in box. Had to add my all time best dx on qrp to the list. I purchased a small wonder labs sw-40 from Dave at Dayton in May and have had a blast with it. On the morning of July 1st I heard a VK4 calling CQ on 7005. Hearing no takers, I gave him a call. He had a good signal into Western NY. When I heard N2BE.. come back thru the speaker I thought, Wow, what are the chances of some other N2BE? calling this guy? My rotten luck. After the initial 349 report I remember thinking, could he be talking to me? Surely the other N2BE? would be running more than 1.4 watts and have a better signal. It was after I heard my name come back thru the speaker that the cardiac symptoms started. My hands started sweating, I forgot how to send, receive, write, etc.. Then I got off the floor and finished the short qso with VK4CY, Jon, on Lamb Island near Brisbane. I was running my Butternut HF6V, which is in pretty rough shape, mounted on the roof with the stub tuned radial kit (4 radials) 2 of which had been pruned by a lawn mower previously. My measured power was 1.4 watts on the Bird which puts it at 6737 miles/watt at a distance of 9432 miles total. That card

from Jon is a keeper for sure. Many thanks to Dave for putting out
another fine radio. See you at Dayton for the next one!!
72/73

Doug, N2BEG qrp-l # 850, etc...

From owner-qrp-l@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: wylde@nccn.net (P. Grover Cleveland)
Subject: [4898] =?iso-8859-1?Q?=BFSierra?= Receiver noise?
Message-ID: <v02130500aeba7f66205c@[205.139.74.172]>

My Sierra seems to have a noisy receiver, that is, there seems to be a
great deal of "shot" noise, even with a terminated input connector. Has
anyone else experienced this?

Grover
K7TP

From owner-qrp-l@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: kd7s@psnw.com (Bill Jones)
Subject: [4874] ARS Leadership
Message-ID: <199611220559.VAA00344@sierra.psnw.com>

I would like to publicly thank the leadership of the Adventure Radio
Society, namely Richard Fisher, KI6SN, Russ Carpenter, AA7QU and Wayne
Burdick, N6KR for the contributions they have made to the QRP community in
general. Besides the Spartan Sprints, they conceived and promoted the Trail
Friendly Radio Challenge. As a result, many QRP-L members (myself included)
were prompted to spend countless hours at the drawing board with a pencil in
one hand and a soldering iron in the other.

I believe we have an incredible resource in the membership of ARS. Because
Richard, Russ and Wayne have provided a focal point for the group's
collective talent, they are responsible for yet another outstanding
contribution to the QRP community.

Thank you, gentlemen.
=====
Bill Jones - KD7S <><
Sanger, California
Reply to kd7s@psnw.com
=====

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Charles Cashion <ccashion@spdmail.spd.dsccc.com>
Subject: [4911] birdies
Message-ID: <199611221739.LAA08173@spd.dsccc.com>

Guys,

I have read someplace that a birdie is when some harmonic
of the vfo combines with some harmonic of another oscillator
and the combination either falls within the passband fo the
IF or the combination is audible.

Where did I read this ???

72s,

Charles Cashion, W5ISZ, QRP-L#76, ccashion@spd.dsccc.com

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+ - - - - - +  
| Did you hear that the Eveready bunny was arrested? |  
| He was charged with battery. |  
+ - - - - - +
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From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: "Mike Rhodes" <weightdn@bright.net>
Subject: [4951] Callsigns & Licensing Events - What Happened When??
Message-ID: <199611230342.WAA09703@mail.bright.net>

While this doesn't have much to do with QRP, other than it has affected
all of us in one way or another, I'm looking for input as to what
"Licensing" events happened when.

This all got started because I replied to Jay/W6CJ with the rather bold
statement that he would have to be the original holder of WB6AAM because
the callsigns were issued in sequence back in the mid 60s when I ASSuMED
his was issued. I was licensed as WN8NB0 in '64 and recalled that PA still
had KN3s and CA and NY were issuing WB# calls to the Generals. Fortunately
I did this in a helpful and friendly way so the amount of crow I have to
eat is relatively small! Anyhow, come to find out that his WN6/WB6AAM call
was issued in the MID 70s!! Off to the QSL drawer I went! Lo and behold I
found a QSL from WB6JQP dated 18Dec 65!! There went poth my postulations
right out the window!!

Which leads me to my question(s) [finally, huh]. Anybody know if the FCC
routinely jumped around or went back and picked up calls they had
inadvertently skipped over - like maybe about the time they were about to
run out of a series (i.e., WB6)?? Or, did they in fact reissue some calls
on occassion? I told Jay I figured there probably was a WN6AAM before him

who would (could) have upgraded to WA6AAM.

Another question, any one know when the Novice changed from 1-year, non-renewable, to the various forms it held over the years (2 yr, 2 yr renewable, etc.)? Also, what was the time from when an upgrade from Novice to General did NOT get a trade in of that 'N' for an 'A', 'B', etc. At the time, I would have considered that a fate worse than death but it certainly didn't impede a certain WN4 most of us are at least a little familiar with.

Now that I have run on for totally unreasonable lengths, I can only hope that all this info is NOT compiled and posted in some totally obvious place already! My summer flame suit is put away and my winter suit is at the cleaners!!! Please reply direct and I will try to summarize the results, conclusions, contusions, etc., if there is interest.

72/73 de Mike / W8DN
weightdn@bright.net

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Rogerio Gonzaga <gonzaga@med.up.pt>
Subject: [4878] CQ DX DW Contest
Message-ID: <199611221026.LAA12265@hipocrates.med.up.pt>

Hi, folks,

I intend to do the CQ DX CW contest next weekend with QRP power (my patients allowing and if no emergency call arrives...). I will probabilly use the Index QRP+ pumping out 5 watts and feeding a TH6, a Windom and a 160 m Marconi. Wish me good luck please...

Incidentally, I would like very much to find there other QRPers on the contest!

72/73 de Roger, CT1ETT

Rogerio A. F. Gonzaga, MD
Surgical Professor at the Faculdade de Medicina do Porto - Portugal
Ex-Honorary Surgical Registrar at the Hammersmith Hospital - London, UK

Radio Amateur CT1ETT QTH Loc IN51re
G-QRP Club # 8673 ISWL # CT-20574 QRP-L #516

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Marshall Emm <75230.1405@compuserve.com>
Subject: [4925] CQC Dinner
Message-ID: <961122202332_75230.1405_HHB78-3@CompuServe.COM>

Here's the announcement of the CQC's annual banquet (and January meeting).
Note you do NOT have to be a member to attend! Note also there is a map showing
the location on the CQC web site: <http://www.mtechnologies.com/mthome/cqc.htm>.

January 25, 1996 Next CQC Meeting/Banquet

The next meeting of the CQC will be our annual banquet on Saturday,
January 25th, at Grisanti's Restaurant at 11951 E. Iliff Ave, on the
northwest corner of Iliff and Peoria in Aurora.

Tickets are \$15 per person. Seating is limited, so please make
reservations as early as possible with the Banquet Committee Chairman,
Brad, KB0ROL. For more information you can e-mail Brad at
kb0rol@juno.com or send your check to:

Brad Mugleston, KB0ROL
15879 E. ARKANSAS DR.
AURORA CO 80017

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Marshall Emm <75230.1405@CompuServe.COM>
Subject: [4926] CQC Swap List Update
Message-ID: <961122204035_75230.1405_HHB50-1@CompuServe.COM>

The CQC swap list has been updated. Find it on the web:
<http://mtechnologies.com/mthome/cqc.htm>
Or email Dick Schneider for a copy: rschneid@ix.necom.com.

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: JEVERHART@cayman.vf.mmc.com
Subject: [4902] Dayton room info
Message-ID: <961122112755.20222a27@cayman.vf.mmc.com>

Gang,

My brain is slipping... I want to go to Dayton in '97 (I *really* want to

go!). However I've misplaced info on how to contact Myron Koyle about room reservations at DI South. I know it's late, but at least I can get on his waiting list..

I think he has an e-mail account. Please advise.

72/73,

Joe E., N2CX

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Pete Meier <pmeier@tir.com>
Subject: [4880] FDIIM & Banquet Tickets
Message-ID: <199611221236.HAA27571@tir.com>

Hi Gang,

I'm looking forward, as are you, to our big Dayton event. Bob has announced it and what it'll cost us to enjoy it. However, I would like you to be aware that Banquet tickets are NOT currently available. They have not been printed and none can or will be mailed till after the first of the year. As we have the ballroom reserved there will be plenty of room for us and plenty of time to buy tickets. This note is NOT meant to discourage anyone as we all want everyone who can to join us! Rather this is to let you know not to expect tickets returned till after the first of the year. (I've received one check already :-)

On another note, if anyone out there is a vendor or knows of one who would like to sponsor a door prize for the banquet (getting free advertising and recognition) please contact me.

I look forward to another great banquet with even more of you joining us!

For now I would like to wish everyone a nice Thanksgiving and wonderful holiday season!

Pete WK8S

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: kb0rol@juno.com (Bradley L Mugleston)
Subject: [4955] Fox Schedule - N/T
Message-ID: <19961122.215244.7183.1.kb0rol@juno.com>

Just a reminder

I will be on parallel with Benny Hill AE4IC oops that's Bob Kellogg on Tuesday November 26th local. I will be at 7.112+- from 1900 to 2100 MST (0200 to 0400 Z).

Don't FORGET

Thank you.

de

Brad Mugleston - KB0ROL
Colorado QRP Club # 170, QRP-L #316, ARRL
QTH - Aurora, CO - DM79oq
KB0ROL@JUNO.COM
BMUG@GWL.COM

From owner-qrp-l@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Brad Mugleston <bmug@gwl.com>
Subject: [4920] FOX Schedule - Novice/Tech+
Message-ID: <199611221852.AA09801@gp-ipc97.gwl.com>

FOX SCHEDULE

I will be the FOX Wednesday the 27th of November from 0200 to 0400 Z. This is Tuesday night the 26th. All I know is that its from 1900 to 2100 MST.

I will camp on 7.112 or thereabouts - anyway as close as my Explorer II will let me guess. If I do have to move it probably won't be down - I know Dan made 20 contacts at 7.108 but all I ever hear there is digital stuff.

I need the south eastern USA so come on you guys lets hear from you. But then I don't want any ladies or gentlemen out there not getting on to let you do it. I need at least 30 contacts to stay in the lead. Thats 50% more than a NT has made this year and almost 3 times my best rate.

Stats
KB0ROL
Brad
Colorado
316

Local time - Tuesday November 26th 1900-2100 MST
Zulu time - Wednesday November 27th 0200-0400Z

Thanks

BTW I don't have a single Texas contact in any log book - do you guys really exist? Come on Chuck lets do it.

Remember this ones for the Turkey

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [4927] FOX Standings Nov 22
Message-ID: <199611222050.UAA17343@chuck.dallas.sgi.com>

Gang,

OK, note the following from Mark Adams' N2VPK results.
All the 589 and 599's from TX are the guys/gals with the most aluminum pointed at Mark or in the case of W5TFB a lot of wire. Jeff K5JP, a.k.a. NA5S, was using the Force 12 beam that I was using during SS. He has promised to deliver it to my house when he is through with it. :-) I'll sell you a bridge if we think that'll ever happen. KK5NA, Joe from NORTEX showed up.

Old Stan N6XU continues to have the big signal from CA.

While TX and CA are shooting it out, OK just north of the Red River has silently been in there week after week taking pelts like there it was going to be a cold winter. We are taking notes.

We are up to 800+ contacts and we aren't through with November. Don't have the stats from last year at this time, but I'll bet we are way ahead in participation from last year. Thanks to you all for making this work.

Foxhunt Current Standings Week #8 November 22, 1996

The Big Game!!!! CA-6.5 TX-9.5 November 22, 1996

Fox Scores

CALL	CONTACTS	STATE	TOTAL POINTS
AB50U	37	NM	
AE9K	23	WI	
K2NF	59+47	FL	106
W03B	29	MD	
NQ7K	37	AZ	
N9DD	40	IN	
KF2PH	12	NY	
WA5VQK	50	TX	
WB8RUQ	47	MI	
WA1GUV	21	VT	
KA5DVS	25	NJ	
WB5QMP	22	ID	
N2TNN	29	NJ	
KU7Y	57	NV	
N2VPK	36	NY	

Total Qs 571

Novice and Tech+ Scores

KB9JLO	12+ 9+19	IL	40
KB0ROL	12+ 9+11	CO	32
WA7SSA	7+ 5+ 3+ 14	ID	29
WD4MSM	5+ 5+ 9	IN	19
KB9LGJ	11	AZ	11

Total Qs over 135 (remember that more than once
was not counted)

Note: X.5 means X regular foxes and .5 means one Novice(5 pts)
so that score is X+5. Only one Novice per non-Novice stn.
So 3.5 means 3 regular and 1 novice for total of 4 contacts,
but 8 points total. Only one Novice contact allowed for
for the five points for the season for stations other than
Novice/T+.

Hunters Scores (and it's a close race)

Leaders: (13.5) NE5T Art in OK, N6XU Stan in CA
(12.5) KK5RO Vern in OK, W5TFB Jack in TX,
W5FN Tim in TX, and NQ7X Floyd in AZ

W0CH/m(3.5) AA0XI(11.5) W00Q(10) WB0CLD(3) AB0CD(3) KI0G(1.5) AA0XZ
KQ0I WA0FGV NI0A(3.5) K0EVZ(1.5) WA0RPI(2) KD0SU(2.5) KB0VCC(2) AA70A
N0TFI KB0PJ N0UR AB0DC K6QD

K1MG(10.5) AK1P(5) WA1QVM(4.5) W1HUE(9.5) N1RXT(2.5) KA1AXY(2.5) N1QQV(2.5)
 KC1GS W1UI(0.5) AA1MY(2.5) WA1YIA(1.5) KC1FB(0.5) K10J
 AA2WJ(8) AA2PF(6) N2G0(4) WZ2T N2VPK(4.5) K2VNM(4) N2YRJ N2TNN(2) K2NF
 KG2DP KF2PH(0.5)
 K3ETS(2.5) N3SLR N3KFL W3PNL(1.5) KA3WMJ(2.5) W03B(2.5) KT3A NR3E(2) W3WZ(2.5)
 KV3NX
 AE4IC(5.5) WB4ZKA(3) KE4YH(10.5) W4STX KS4L(2) KE4KDT(1.5) AD4ZE(2) WJ4P(2)
 K4CGY KK4KF(3.5) N4S0(3) KI4JA NR4N(1.5) N4EUK(0.5) KS4HQ(0.5)
 K4PQC KS4V
 N5ET(13.5) AB50U(5.5) K5W0(6) KK5R0(12.5) W5TFB(12.5) AB5UA(10.5) K5UP(6)
 K5ZTY(6.5) KK5MC/5 WA5WHN(2.5) AC5II(6) N5JKY(5) K5F0(6)
 WB5QMP(3.5) WB5QYT(4) W5VBO(1) KK5GJ(1.5) K5RV(5) W5HNS(6.5) WA5CVM
 AC5CI KA5DVS(2) NA5N(2) KA5T(5.5) WD5GKH K50N(3.5) KB5YVT N5LU(5)
 KE5TF(5) W5FN(12.5) N5AL0(2) KE5FT KJ5SP(2) K5JHP WB5J K5M0 KC5R0 W5CTZ
 KJ5VW W5XE KK5NA K5JP
 KK6MC(9.5) N6WG(7.5) KQ6AG(4) W6BAB(10.5) AB6DG(4) KI6DS(3) WA6NAE(5.5)
 W6ABX KO6KA(6.5) KI6SN KD6ZMJ(1.5) WA6MOK(0.5) K6VNX(6) N6XI
 WA6HHQ(5) AA6R(2.5) WA6OWR W6EMT(2) N6GA AC6KW WA6GER(2) WA6RAE
 W6EMD(2.5) WB6LMA(0.5) KI6OY(1.5) N6XU(13.5) N6KR(0.5) W6ZH(3)
 N6PDX W6SI WA6EIW W6KAK K6JI(1.5)
 KK7BD(8.5) AB7ST(6.5) KC7NEV(7.5) NQ7K(6.5) NQ7X(12.5) KU7Y(8.5)
 KI7MN(4) N7KT(4.5) N7GS(8.5) WW7Y(3) N7MFB(2) WB7DUO KG7PV W7JDZ(4.5)
 AB7HI(2.5) KJ7NS AB70A W7SNV(2) N7CQR AB7MY N7MFB KJ7LB(0.5) KE7X
 W7LR KJ7UN(1.5) AL7FS(1) KE7IT N7CTJ AA7QU
 W8DN(6.5) WA8CDU(7.5) W8KC WD8LDY W8EO N8VAR(1.5) K8IDN
 AE9K(3) W9UQB(2) N9DD(5.5) KB9IUA(6) K9DZE(3) NN9K(4) W9ZSJ NY9B WA9PWP(2.5)
 N9RYI WA9YLB(2) WB9LEF N9HH

VE7CQK(3.5) VE3JC(3.5) VE3SP(4) VE7SL(4.5)

Novice Stations working foxes - these count in separate class of prizes. Let me know if you are N/T+ and have worked a fox and I put you in the above grouping.

WA7SSA(3) KB9LGJ(1) KB0SJY(1) KB0ROL(1)

SIG

Chuck Adams (K5F0 CP-60) WAS 40m/30m/20m=49/49/50

EMPS QS0s=109 STATES(w/c)=34/2 DX=0

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996

From: Ka3ivb@aol.com

Subject: [4901] FS: HW9 STation

Message-ID: <961122112519_1816494212@emout04.mail.aol.com>

Have a HW9 Station for sale with_____

HW9-----Has the Warc Bands
PSA-9___Power Supply
HM-9____QRP Wattmeter/Swr Meter
HFT-9A__Antenna Tuner

VERY VERY Clean Station, shipped lower 48 for \$400

Curt
Ka3ivb
412-693-9890

From owner-qrp-l@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Kevin Anderson <anderson@ncrsun1.ncr.usace.army.mil>
Subject: [4899] FW: LU4FM CQWW CW test (NN9K)
Message-ID: <Pine.SUN.3.91.961122100243.4403A-1000000@ncrsun1>

Not really QRP.....

I will be the operator for the 15 meter station at LU4FM for the CQWW CW contest this weekend. Won't be QRP, but more than willing to listen for QRP stations.

Good luck to all,

Pete, NN9K
LU/NN9K, VK4CWX, OK8ECZ
QRP-L #5
(message forwarded by KB9IUA on NN9K's behalf)

From owner-qrp-l@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Bill Myers <bmyers@destin.nfds.net>
Subject: [4910] Got an HW-8!
Message-ID: <1.5.4.16.19961122113356.09b709b6@destin.nfds.net>

Hiya.....

Got me an HW-8 today, I'm a happy camper...

Swapped for an old boatanchor I had laying around...

It's in very good condition, insides are clean and outside has minimal scratching (just some from normal usage). Only mod is a so-238 mounted on the back (and they didn't even mount it straight.

Will be using it on the fox hunts instead of the Icom-735, so keep an ear out for the slow sending straight keyer with the HW-8 now...

Don't think I'll be on this weekend, not a contester. Looks like a good weekend to build a Pixie2 and a qrp antenna tuner...

Gotta experiment with the SLV also, got an antenna analyzer borrowed so I can play with it...

72/73 to ALL

--

Bill Myers KK4KF FISTS#2390 QRP-L#755 ARRL ARCI#9282
Grid EM60rk (Shalimar, FL 32579)
Snail Mail P. O. Box 178
e-mail <bmyers@destin.nfds.net>
homepage <http://destin.nfds.net/~bmyers/>
 (Reptiles/Emergency Services/Amateur Radio)
CHECK OUT THE FISTS INTERNATIONAL CW CLUB U. S. HOMEPAGE
<http://n9nvv.qrp.com/~fists>
 ^^^^ That's N 9 N V V

From owner-qrp-l@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Bensondj@aol.com
Subject: [4881] HB: Digital NorCal - PIC counters, huff 'n' puff, etc.
Message-ID: <961122074147_140908934@emout11.mail.aol.com>

John-

(from Wayne Burdick's 11/21 posting on the topic):

>>(4) Without very careful attention to detail, huff 'n' puff can cause VFO
>>jump -- witness the Scout. Control down to only 125Hz is a serious problem
>>because there's no way to avoid +/- 1 step "hunting" even when the VFO has
>>stabilized. So for huff 'n' puff locking, you'll really want 20Hz or less.
>>A step size of 5Hz is probably best since it's all but inaudible, but that
>>means many more bits in your D/A.

Thanks to Wayne for publishing a great set of guidelines! I'll offer several additional thoughts.

The 20 Hz value is probably noticeable, and the 5 Hz lock criteria is much more satisfactory. It does imply a much more subtle correction, though, to avoid discernable "hunting" around the lock frequency.

If you're interested in taking the step to closed-loop frequency control, you might be better off without the D/A. You can use one of the port B lines to drive a long time-constant R-C with up/down pulses. A FET follower after the R-C takes care of buffering, and in practice I've seen no measurable control voltage drift at room temp. when the PIC is tri-stated off.

73, Dave Benson - NN1G

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: chuckolson@juno.com (Chuck Olson)
Subject: [4913] HB: Possible source for Teflon sheets?
Message-ID: <19961122.115034.4815.0.chuckolson@juno.com>

I saw a DuPont ad in Family Circle magazine for Teflon baking sheet liners. Has anyone seen these in the stores? I'm wondering how much they cost. There should be a lot of QRP projects where Teflon in sheet form might be useful.

Best Regards,
Chuck Olson
WB9KZY
Jackson Harbor Press
Washington Island, WI

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: rgobrick@nfld.com (Robert J. Gobrick)

Subject: [4886] Help command
Message-ID: <199611221427.KAA29134@public.nfld.com>

help qrp-1

Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada
QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP

Internet: rgobrick@public.compusult.nf.ca
bgobrick@terra.nlnet.nf.ca

Compuserve: 70466.1405@compuserve.com

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: camqrp@cyberg8t.com (Cam Hartford)
Subject: [4948] Holiday Spirits Homebrew Sprint
Message-ID: <199611230225.SAA14603@key.cyberg8t.com>

Gang -

Sunday, December 1st is the date of the Holiday Spirits Homebrew Sprint.
This is a Homebrew contest, so using your newly completed GreenWildNorOak-
hands624 will garner you bonus points. Hope to shake your fist in the test -

Cam N6GA

HOLIDAY SPIRITS HOMEBREW SPRINT

Date/Time:

December 1, 1996; 2000 - 2400 Z. CW Only.

Exchange:

Member - RST, State/Province/Country, ARCI Number

Non-Member - RST, State/Province/Country, Power Out

QSO Points:

Member = 5 Points

Non-Member, Different Continent = 4 Points

Non-Member, Same Continent = 2 Points

Multiplier:

SPC (State/Province/Country) total for all bands.

Count S/P/Cs separately by band, then add them together for total.

Bonus Points:

Points awarded for using Homebrew equipment, apply for each band on which Homebrew

equipment was used:

+2,000 HB Transmitter used

+3,000 HB Receiver used

+5,000 HB Transceiver used

Homebrew Definition: If you built it, it is considered Homebrew.

Power Multiplier:

0 - 250 MW = X 15;

250 MW - 1 Watt = X 10

1 W - 5 W = X 7;

Over 5 W = X 1.

Suggested Frequencies:

	GENERAL	NOVICE
160 Meters	1810 KHz	
80 Meters	3560 KHz	3710 KHz
40 Meters	7040 KHz	7110 KHz
20 Meter	14060 KHz	
15 Meters	21060 KHz	21110 KHz
10 Meters	28060 KHz	28110 KHz
6 Meters	50060 KHz	

Score:

Points (total for all bands) X SPCs (total for all bands) X Power
Multiplier + Bonus

Points.

Entry may be an All-Band, Single Band, Hi-Band (20M, 15M, 10M and 6M) or
Lo-Band (160M, 80M and 40M).

Send an SASE for a summary and sample log sheets.

Entries are welcome via E-Mail to CamQRP@cyberg8t.com, or by mail to:

Cam Hartford, N6GA
1959 Bridgeport Ave.
Claremont, CA 91711

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996

From: Bob Hirsch <bobh@p3.net>

Subject: [4888] iambic keying

Message-ID: <1.5.4.32.19961122143105.00670a70@p3.net>

OK iambic gurus, here's a question.

I'm trying to learn iambic keying for the first time.

Do you guys memorize which letters in advance are faster iambically, or is it just a "feel" you get to after a while. I mean how do you anticipate which letters you are going to send iambically? Some letters just don't seem to work smoothly in iambic fashion and I keep falling back to using the paddles as if they were single.

Direct e/mails are fine if you don't feel like clogging up the list.

73 de Bob, W3WZ in New Hope PA

From owner-qrp-l@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Dan Keen <70731.722@compuserve.com>
Subject: [4921] iambic keying
Message-ID: <961122192913_70731.722_EHM54-1@CompuServe.COM>

> Do you guys memorize which letters in advance are faster iambically, or
is > it just a "feel" you get to after a while.

Bob, There is a sheet which comes with every new Bencher key (it's a reprint of an article in CQ by Bob Locher W9KNI entitled "Paddle and keyer" [Bencher didn't list the issue date]. It's a two page article and worth the effort for a beginner to Xerox from a friend who bought a new Bencher, I'll pull out my copy to quote and slightly rearrange a few sentences here:

"Although there is no absolute standard most operators hook up the paddle so that the thumb sends dots and the fingers send dashes"

"In a single non iambic paddle it is possible it is possible and practical to close both the dot and dash paddle circuits at the same time. With a paddle of the single lever type, it is impossible to close both the dot and dash circuits at the same time. The operator wishing to convert from a single-lever paddle (including bug) to a double lever paddle (iambic), should unhook the old paddle put it away and do not use it again. The techniques of iambic keying are incompatible with it".

"The advantage of the iambic technique is reduced motion to send many characters, particularly the so-called iambic seven, C, F, K, L, Q, R, and Y. To send CQ iambically requires only a properly timed and started squeeze for the C and hold down the dash paddle with a kiss of the dot circuit of the Q. Compared to the back and forth movements needed on the single-lever paddle, one can see how much more economical of motion by the operator the iambic paddle is, and this leads to more comfortable and faster keying and often better accuracy".

There's more good stuff in that Locher article which Bencher packs with their paddles.

I only send iambically the "iambic seven" myself, and send the other letters and all the numbers, prosigns, and punctuation non iambically.

Dan

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Bob Hirsch <bobh@p3.net>
Subject: [4890] iambic, second question
Message-ID: <1.5.4.32.19961122144019.006865d8@p3.net>

Here's another one.

Any Kitano Key users out there? How do they compare to more conventional paddles? Ease of use, comfort, quality of build? Any/all comments are appreciated.

Also, is Kitano unique? Are they the only paddle of that style made commercially?

Thanks es 73,

73 de Bob, W3WZ in New Hope PA

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Dan Keen <70731.722@compuserve.com>
Subject: [4934] iambic, second question
Message-ID: <961122220955_70731.722_EHM56-1@CompuServe.COM>

> Also, is Kitano unique? Are they the only paddle of that style made
> commercially?

The latest issue of Morsum Magnificat shows a full page advertisement for a high grade German key designed by Englmar Wenk, DK1WE. Like the Kitano, it has dual _vertical_ lever-paddles. Ad says that it is called the "Twinky" and priced at 94.95 British pounds plus postage and packing. Multiplying by 1.7 puts it over \$150 US dollars.

The add and picture says that it uses instrument grade ball bearing races, that its lightweight and _very_ small, and that it is being sold at the "G3TUX QRP Component Company, PO Box 88, Haslemere, Surrey, GU27, 2RF, England". Telephone 01428 661501. They do take Visa Cards and Mastercharge.

They also picture a different version of the same German key called the "Minky" which has only one vertical lever, a tiny straight key in other words, at a cost of 87.95 pounds.

Dan

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: KFGlynn@aol.com
Subject: [4953] Knife Switch - Re: 450 Ohm Ladder Line Questions
Message-ID: <961122225006_353294868@emout20.mail.aol.com>

Hi Gang,

I bought a small knife switch from the Wireman a few months ago for portable use to switch between an inv-v and delta loop.

72 Kevin N2T0

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Jack Bryant <Jack.Bryant@math.tamu.edu>
Subject: [4868] ladder line switching
Message-ID: <199611220509.XAA15843@fourier.math.tamu.edu>

At QRP power levels you can use an ordinary DPDT toggle switch. The impedance bump won't matter at HF... you are probably using a tuner anyway. For more choices you can use a wafer switch with two poles. These are not fancy parts; you probably have them in your junk box or know a ham who does.

This is not theory: I have done both and measured no degradation through the switch at HF. However, don't do this if you intend to use even 100 watt power levels, as the voltages involved may cause arcs.

-Jack W5TFB

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Brian Cieslak <BrianC@ams-i.com>
Subject: [4892] Looking for old book
Message-ID: <c=US%a=_%p=Adaptive_Micro_S%l=AMS-I_SERVER_1-961122144300Z-24@ams-i.ams-mke>

I am looking for a book that I read in high school some 25 years ago that was the first ham radio fiction type book I've read.

It is titled "There's Adventure in Electronics" by Julian May
It was put out by Popular science Press sometime the 60's. It uses amateur radio a theme to introduce young reader to the electronics field.

It was part of a series of "there's adventure in ..." books which included rocketry, chemistry, atomic energy, geology etc.. I have a couple and would like to complete the set...so If anyone has a copy they would like to sell or see one in a used bookstore next time your browsing let me know.

brian AE9K

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: john andrews <jm165723@eee.org>
Subject: [4916] MANUALS.....
Message-ID: <3295EF29.7A45@eee.org>

Hi Gang:

Was looking for any docs I might have missed on the 15 meter boards and found a mass of manuals.

Kaar
Henry and Tempo
Kenwood
Surplus
Harris
Federal
Hallicrafters
Comcraft CTR-144 (!)
Etcetera.....

Take it ALL(NO SINGLE INQUIRES!)- \$20.00 for postage. I want it GONE.

20 crystal filters(assorted) -\$25.00- postpaid.

Trying to make my life a little more simple without so much "stuff".

72, John- N5INZ

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: "John Shuster" <jshuster@ix.netcom.com>
Subject: [4937] MFJ 9020 Audio Mod?
Message-ID: <199611230050.QAA10451@dfw-ix3.ix.netcom.com>

To All:

A fellow ham just picked up an older MFJ 9020, Rev. 4 board.

I recall a mod to a resistor that pumped the audio for these older boards.

Can anyone help us out with this one?

72,

John

++++
Father John Shuster, Married Roman Catholic Priest jshuster@ix.netcom.com
Need A Priest? Rent-A-Priest! 1-800-PRIEST-9 A Free Referral Service
At the foot of the Olympics in little Port Orchard, WA
K7MP ARCI 8951 QRP-L 554 ARS 36 NW QRP 346 WWDXC ARRL
++++

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Timothy Gordish <105020.2634@compuserve.com>
Subject: [4935] Novice Tech Fox Monday night.
Message-ID: <199611221754_MC1-C51-2FDF@compuserve.com>

Gang,

OK this is only my second time at bat, and I'm in last place. I need some help here. I'll be running November 26 0030-0230UTC, that's monday night for all you civilians. If your in California, this should be a easy five points for you seeing as Yuma, AZ is just over the border. I'm not actually too concerned about my score, because I actually would like to upgrade before this years hunting is over. So send clear and match my speed, that should help my code speed in the end.

I need the stations in the east for my WAS, but will probably work the stronger stations first, then the weaker. I need 29 stations to get back in the race, I don't expect that, but will give it a try.

November 26 KB9LGJ Tim AZ 0030-0230UTC

73 and may all your signals by 599.
Tim
KB9LGJ

From owner-qrp-l@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: [4949] Novice/Tech+ Band-Aid
Message-ID: <96Nov22.214526-0500est.65735-14099+462@hooch.CC.Lehigh.EDU>

A member of this list generously offered to setup a sked with me, and after an initial try I've allowed myself to get consumed by the usual non-ham activities (excuses) and haven't tried to setup another. I do manage to attempt most of the N/T+ Foxes, but haven't bagged one yet.

Perhaps some of you (whose total QSO count is in the single digits like mine) would be interested in a sked in the 40M novice segment. Maybe there are some CW Elmers that would be willing to come up and call CQ QRPL slowly a couple times. If you're interested in something along these lines please drop me a note and let me know day(s) of the week and time (you can use local time just include the timezone :-) and what parts of the band are good for you. No prizes, no QRP-L postings, no pressure. If you don't show, mess up sending your call, or whatever we won't tell anybody. We can call it a pre-N/T+ Fox warmup, the N/T+ Fox-in-training-Net, code practice, or not call it anything at all... NO PURCHASE NECESSARY!!! NO OBLIGATION!!! Just drop me a note.

Now, let's all see how long we can keep K5F0 up in the Novice segment on Tuesday night. See how slow we can make him send :-) Hope you have a stack of cards Chuck! That's Wed, 27 Nov 0200-0400UTC. If you hear Chuck work the fox move up/down a bit and give him a call. And even if he wimp's out we can give Brad enough Q's to push him over the top. Be there be square :-)

Now I'm gonna drop that kind feller a note asking for another sked...

73
Jim N3VXI n3vxi@Lehigh.EDU
Tech+ 40M QSOs=1 STATES(w/c)=1/0 DX=0

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: FACMSA@facilities.buffalo.edu (Adams, Mark S.)
Subject: [4882] OFFICIAL FOX LOG-11/21/96utc
Message-ID: <1996Nov22.080900.1483.32313@facilities.buffalo.edu>

Hi Gang,

Very sorry for the tardiness of this report. The technology available to me at home just is not up to the this task! If you have corrections to call signs and qrp-1 please send them along. I will correct and forward to K5FO.

BTW Chuck, when do you need the FINAL version???

Have a nice day all.

CALL NAME ST TIME SNT RCV # OR PWR

N2GO	JIM	NY	02:00	559	559	381	
AA2PF	DAVE	NY	02:02	559	589	306	
N5ET	BOB	TX	02:04	579	589	123	
N6WG	BOB	CA	02:06	449	559	27	
KE5TF	LINDA	TX	02:08	589	589	5W	
W5TFB	JACK	TX	02:08	599	599	282	
W5HNS	HENRY	TX	02:10	569	589	178	
W5FN	TIM	TX	02:13	569	579	586	
N6XU	STAN	CA	02:14	559	579	66	
K1MG	MIKE	CA	02:15	559	549	614	
AA2WJ	DICK	TX	02:16	339	339	5W	(should be listed with the W5s on the score sheet)
N3RE	DAVE	TX	02:17	559	559	25	
KE4YH	STEW	FL	02:20	559	339	590	
KS4V	ED	TX	02:23	589	449	41	
K5W0	BOB	TX	02:25	449	579	273	
KK5R0	VERN	OK	02:26	559	559	325	
KA5T	LARRY	TX	02:27	579	559	88	
N5LU	BILL	OK	02:28	599	599	5W	
KU7Y	RON	NV	02:30	559	559	17	
W1HUE	LARRY	ID	02:35	539	339	228	
AK1P	PAUL	CA	02:37	449	339	494	
K2VNM	BOB	NY	02:39	449	339	735	
N3JKY	RICK	IK	02:42	559	449	300	
K5RV	BRIAN	LA	02:46	569	599	424	
K5ZTY	BILL	TX	02:49	449	559	473	

W00Q TOM CO 02:50 479 459 783
 KB3NX ARLEN CA 02:55 439 449 3W
 K5FO CHUCK TX 03:01 559 449 1
 K3ETS DENNY TX 03:06 339 559 357
 K5JP JEFF TX 03:10 559 599 5W
 N5ALO BILL TX 03:16 559 569 415
 N7GS MAL MT 03:22 339 339 815
 AB5UA CLIF OK 03:25 539 559 478
 KK5NA JOE TX 03:45 559 559 5W
 AC5II DON OK 03:53 339 559 264
 AA0XI MARSHALL CO 03:57 329 339 153

Final tally counts 36 QSO's. TX beat CA in a landslide. OK make a super showing! And the boys of the Buffalo QRP Connection scored big-thanks a bunch. (Ground wave is neat stuff)

72,
 Mark N2VPK

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
 From: clifton w sikes <csikes@brightok.net>
 Subject: [4931] OKC Breakfast
 Message-ID: <199611222204.QAA05772@sooner.brightok.net>

I had a few replies and hope you can all make it. Jerry, in Tulsa, I sent you a note direct, but it bounced. Take I-44 to the Broadway Extension, go South and exit on 36th. West on 36th past Pennsylvania a couple of blocks. Watch for Ingrid's on the NW corner. Sorry for the bandwidth folks.

Clifton Sikes

AB5UA
 Earlsboro, Ok.

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
 From: kb0rol@juno.com (Bradley L Mugleston)
 Subject: [4875] PVC and feed lines
 Message-ID: <19961121.214827.6559.1.kb0rol@juno.com>

Gang,

I've been reading my backlog of digests, I hope I'm not too far gone but I also use PVC to feed my feed line - not through the ground but through

the side of my house. Just drilled a nice PVC sized hole through the siding and got it made. I attached a 90 degree elbow on the outside, pointed down, and slipped one on the inside. That way I could pull the inside joint off to make it easier to feed the line (one bend is not too hard to get through two seems to be impossible).

One other point, to keep all the creepy critters out of the house I stuffed a square of insulation around wires on the outside of the house and nothing is going to get in or out.

I hope this is useful information. It feels nice to be able to finally contribute to this group.

Brad Mugleston - KB0ROL
Colorado QRP Club # 170, QRP-L #316, ARRL
QTH - Aurora, CO - DM79oq
KB0ROL@JUNO.COM
BMUG@GWL.COM

From owner-qrp-l@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Ed Pacyna <pacyna@auratek.com>
Subject: [4903] QRO Amplifiers For Sale
Message-ID: <9611221646.AA13699@galaxy.auratek.com>

I wanted to post these units here first (before Usenet) as I believe they might be of interest (nice addition to a QRP+, Argo 509,515 etc.).

140W Linear Power Amplifier

Built from Motorola Application Note AN762. Was also published in ARRL hand book for many years. Requires common 12V (i.e. 13.6V) power supply or battery. 5W input for 140W output from 1.6 to 30 MHz.

This unit could be available in three different forms:

1. Built and tested PCB with heat sink (you provide enclosure, T/R switching, low pass filters, band switching).

Price is \$125 + ship

2. I'll put the amplifier in an aluminum enclosure (approx, 6"x5"x5") with T/R switching, S0239's and power cord. My idea on the low pass filters would be to build them separately in small mini boxes for band(s) of choice and manually install them to change bands, between the amplifier and antenna, as needed.

be interested.

73,

Bob KI7MN

NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996

From: John Dundas <ab6dg@netcom.com>

Subject: [4946] SoCal QRPers--greet Doug H Nov. 30!

Message-ID: <Pine.3.89.9611221750.A21579-0100000@netcom13>

Only one week to go before the TRW swapmeet, and the opportunity to say hi to Doug Hendricks!

As you recall, Doug will be visiting in Southern Calif., and hopes to meet a bunch of folk either at the swapmeet or at informal coffee/donuts/brunch afterward.

The swapmeet is located in the south parking lot of TRW, which is approximately the corner of Aviation and Marine streets, in Manhattan Beach. About 2 miles due south of LAX. More precise directions are going to be given by Paul, N6EV, because he lives near there!

The swapmeet starts by 7 a.m. Serious buyers get there early to get the bargains! We'll plan to adjourn to a nearby restaurant with Doug about 10 a.m. Once you are at the swapmeet, you can use 144.40 simplex to find other QRPers, and get final directions.

Please send email to Paul if you think you can make it. He needs a rough head count. His address is:

carreriro@barepower.net

Hope to see a lot of QRPers there!

72

John

W6SU

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996

From: PDouglas12@aol.com

Subject: [4900] Something nice to say:

Message-ID: <961122111009_1452721178@emout17.mail.aol.com>

Hi Gang,

I thought it would be appropriate to publicly thank one of our group for a number of generous things he has done for me and others among us. Paul Harden is one of the more knowledgeable and incidentally well equipped member of our group. He has taken a lot of time to test and publish his findings on rigs. Much of the material in his book was first published in club publications for which he wasn't paid, of course. He just spend several months studying and calibrating a pair of my rigs, solving a problem for the kit maker in the process.

Last spring, Paul resolved a potential time conflict between his talk and another activity, the resolution being largely due to Paul's good nature and plain adult style of dealing with things. I wanted him to know I haven't forgotten that either, and really appreciated it.

I hope I have thoroughly embarrassed Paul. He deserves it. :-)

Preston WJ2V

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: AlK0FRP@aol.com
Subject: [4907] SS SSB report K0FRP
Message-ID: <961122120806_1385615588@emout16.mail.aol.com>

Gang

It's late but I did not operate SS SSB this year. My sons State Football semifinals were saturday and had to fly back to Los Angeles Sunday afternoon. So I didn't turn on the radio, I knew if I did I would get into the contest. So I left a spot in the top ten for someone.

SS 97 I'll be back

Al K0FRP

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: JCoote@aol.com
Subject: [4945] Tuner construction remarks
Message-ID: <961122205738_1251586724@emout08.mail.aol.com>

Someone once asked me which is better.. tuners with roller-coils or tuners

with tapped coils and switches.

Each construction method has advantages and disadvantages.

The tuner with tapped inductor and rotary switch can be quickly set for the appropriate band. This idea works well for tuners that will be on the same wire antenna in a fixed installation. The operator can use coil-clips and set up one tap per band and use a rotary ceramic switch. This is much faster than cranking a roller-coil from 160 through 10 meters. By carefully choosing a mid-band frequency, capacitor setting and tap point on the coil, you should be able to get by with only a 10 or 12 position switch.. again, this is a fixed station tuner. This tuner is generally cheaper to construct- an air core inductor is supported by a plastic block and standoffs.

The tuner with the roller-coil is more suited to field operation or situations where the antenna is changed a lot. It will match a wider variety of wire antennas where a tapped inductor will have "gaps". The drawback with many roller coils is they are large, or turning them will yank a smaller tuner all over the table or desk top. Roller-coil tuners are sometimes large enough to fit three or four portable QRP radios inside. The roller-inductor tuner is more expensive to construct unless you can find a surplus roller coil with a maximum of 20-30 uH.

73, Jay
W6CJ

From owner-qrp-l@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: takeyasu@avisnet.or.jp (Takeyasu Sasagawa)
Subject: [4956] Wanted QRP Plus
Message-ID: <199611230432.NAA20968@nag.avisnet.or.jp>

Hello,

I'm Japanese QRPer JR0GFM Takeyasu.
I wanted to QRP Plus. Please e-mail with price and condition.

Takeyasu Sasagawa
JR0GFM QRP-L #394
takeyasu@avisnet.or.jp

From owner-qrp-l@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: stevebar@ix.netcom.com (Stephen A. Baranowski)

Subject: [4884] Who wanted the CCI EB65 SSS 140w amp kit ?
Message-ID: <199611221401.GAA23481@dfw-ix5.ix.netcom.com>

Hi folks -

Several people responded to my previous Sierra financing sale - on which I listed a CCI EB65 2-30 Mhz 140 watt SSB amplifier KIT - I had a buyer, but I think he was expecting the kit to be a complete package, vice a box of parts and the tech notes and some misc hardware that I had collected to build it.

Anyway, it is available again - so let me know if you are interested and we can discuss it -

72 de Steve / AA1BK

PS - I thought that I had kept back-up copies of the messages that I received that were duplicates - but for some reason...

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Reitz_G@mediasoft.net
Subject: [4889] WM SSB
Message-ID: <1.5.4.32.19961122133034.00675e2c@mediasoft.net>

Hello Gang, Been working 75 meters today and this evening. With Gorilla power of two and one half watts output- I received a 10 over 9 report from W3VXJ and KA2ECA.

What better way to show some hams that low power can do the job when the conditions are good and a lot of wire in the sky !

Fullwave horizontal loop. White Mountain - 75

Thanks for the BW
AD4EP George dit dit

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Kevin Muenzler <wb5rue@amsat.org>
Subject: [4933] Year 2001 Amateur Radio Exam
Message-ID: <01IC5HWSUOMWBVONBU@ARWEN.UTHSCSA.EDU>

Here is Something that I downloaded from ARRL LLBBS ENJOY

Kevin, WB5RUE

Considering the general direction that Amateur Radio seems to be heading and the climate that exists at the FCC, I propose the following to be used as the official examination form by the year 2001....

FCC Examination Form For
All Classes of Amateur
Radio Operation
Jan 1, 2001

Pick one or more of the answers as appropriate.

- 1) A "ham" is:
- A. A delectible dish served for Christmas or with eggs for breakfast.
 - B. An uplifting phrase found in Operations Manuals for Japanese amateur equipment, meaning, "Honorable AMerican," usually applied to the operators of said equipment.

- 2) A "rig" is:
- A. A device used to dig wells, usually for water, but if you are lucky, perhaps for oil.
 - B. A device used to send electrical signals around the world. Archaic definition "used to communicate with CW, RTTY, AM or SSB" (See Glossary at bottom of page for more help)

Note: Because communication has long since ceased to be an objective of Amateur Radio, we at the FCC will not consider either answer to be incorrect. This is a freebie, not a trick question.

- 3) An "antenna" is:
- A. A wire strung between the rafters in your attic.
 - B. A "flagpole" with a strange black box attached to the base.
 - C. A large array of tubing, wire and insulating material held 50-200 feet in the air by a device called a "tower."
- Because of widespread ordinances, these are extremely rare,

and

found only in the remote corners of the desert Southwest.

- 4) "TVI" is:
- A. Any form of interference whatsoever that is blamed on the operation of an Amateur Radio station. This can occur whether the station is on the air or not.
 - B. An abbreviation for the Tennessee Valley Inquisition, a fierce battle for tower rights that took place in the late 1990s.

- 5) "Guy" is
- A. A person you meet on the street and ask about the time, as in "Hey, Guy, what time is it?"
 - B. A wire used to hold up a tower in winds of 25 mi/hr or less. Its use is considered optional by most amateur operators.

- 6) "Ground" is:
A. What a tower crashes into when the winds reach 30 mi/hr or more.
B. What keeps Japan from being line of sight from here in the good ol' US of A!
- 7) "Packet" is:
A. A grand experiment in digital communications that started in the early 1980s, but ground to a halt because of too much infighting among SysOps.
B. Something you put your letters into when you really want the message to get where it is supposed to go. Stamps are applied to the outside of this packet, and in a few days it arrives at its destination. Just like magic!
- 8) A "computer" is:
A. A device that has lured potential Amateur Radio operators away from the hobby by the thousands.
B. An enormous waste of time and energy, but, like women, "You can't live with them, ya can't live without them!"
- 9) A "printer" is:
A. Someone who works for the newspaper.
B. A device attached to a computer to accurately translate the tones received from the sending station into all the typos, misspellings and grammatical errors as they were originally entered by the operator.
- 10) "Electronics" is:
A. A mystical art that no one understands anyway, so why try to define it?
B. All of the above
C. None of the above

Congratulations! If you gave any answer to 70% of the questions above, you are qualified to become an Amateur Radio operator. Just fill out the form on the other side of this exam and send it in to the FCC offices shown at the bottom of the form.

Glossary:

Oh heck, it's too much trouble to define SSB, AM, CW, RTTY, etc, because these modes are absolutely obsolete anyway and no one cares.

Prepared for Amateur Radio by Jim Stanicek on New Years Eve, 1990, in hopes that * C. None of the above * will be true by the year 2001!
Happy New Year and 73 from Jim, AG3Y, Hagerstown, MD 21740
AG3Y @ W3KDC.MD.USA.NA

FUTURE SHOCK! Prepared and conceived by Jerry, W3BRZ

DECEMBER 1,2001

NEW OPERATOR'S LICENSE ANNOUNCED TODAY!

The FCC has announced that a new amateur license will be available this summer. The new "Operator Class" license will replace the existing Extra, Advanced, General, Technician and Novice class licenses. No code will be required under the new license and further, because knowledge of electronics has been found to be old-fashioned and antiquated, no written exam will be given. This follows the FCC's statement made last month that the present written exam, consisting of 10 true or false questions, was much too difficult for the average ham-to-be. The FCC has also announced that this new license will help increase the amateur ranks from its present all-time low of 5.5 million and to promote more intelligent technicians and engineers from the Amateur Radio community.

The new Operator license will be packaged with each new amateur transceiver and will contain a number/letter group to be used as a call sign. Amateurs already licensed will be "grandfathered" in and required to use the letter K or W, followed by their ZIP code, to represent their call signs. This move by the Commission will increase the number of amateurs to overflowing and allow each American citizen a "fair" chance to become a ham. Further information will be in the annual issue of QST/2001

PS Sources at ARRL HQ have learned that the Commission is planning a medical exemption for all those unable to fill out their new form!

(Is it humor or a vision of things to come?)

By Jerry, W3BRZ @ KD30.MD.USA.NA

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: "John Foote" <John_Foote_at_HDN-BCSE@ccgate.ml.nec.com>
Subject: [4891] Ziliak KB6MT tapes
Message-ID: <9610228486.AA848684709@mvlsmtp.ccgate.ml.nec.com>

Just one more vote of thanks to Ziliak.

It may have been an attitude change or just that his tapes actually taught me the code, but I had struggled for a year getting to 13 wpm, it was after getting and using the Ziliak tapes that I passed.

John Foote
KR4GL

From owner-qrp-l@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: n4so@juno.com (CHARLES K BROWN)
Subject: [4950] Re: 'Troubleshooting Analog Circuits'
Message-ID: <19961122.203526.4407.6.n4so@juno.com>

Latest edition of ELECTRONIC DESIGN has
"Battery Charging Made Simple" which applies to the QRP group.... it is a
Motorola MC33340 chip circuit for charging batteries.
page 73 Nov. 18, 1996

Ken Brown, N4SO
QTH Near Mobile, AL
QRP-L #622
n4so@juno.com

From owner-qrp-l@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: wb2vuo@juno.com (William K Hibbert)
Subject: [4941] RE: 10 Mtrs and S/S
Message-ID: <19961122.204141.4687.0.wb2vuo@juno.com>

>From: "Doug Hudspeth" <dhudspeth@bjsservices.com>
>To: <wb2vuo@juno.com>
>Subject: re: Phone Sweeps, QRP, 10 Meters and Novice/Tech +
>Date: Mon, 18 Nov 1996 07:32:45 -0600

>I spent approx 14 hrs parked on 28.400 this week end and at the same time
>scanned 28.300 thru 28.500 for other operators on this band. I was some
what
>disappointed at the conditions and maybe possible interest of other
operators
>in the Novice Tech+ end of this band.....Was it either the
conditions...my
>equipment.... or lack of interest????????????????????????????????????

I am opting for a combination of lack of interest and conditions. I was
on 28.400 for at least 5 minutes at the top of the hour , and heard
NOTHING, not even locals.
Despite talking it up before S/S on the local repeater, at a couple of
club meetings and at a non-meeting club event, there wasn't a soul on
locally, or the ones ther were ignoring us "Kontesters"

Oh well, there's always the ARRL 10 Meter Contest in December.

72/73, Keith, WB2VUO, QRP-L #582, ARRL LM, TS (WNY Section), VP/BARK,
Trustee, KB2YTW/B 10 Mtr Milliwattting Beacon (250 mW @ 28.2870 MHz)
"In the Depths of the Great Bergen Swamp...FN13ac"

From owner-qrp-l@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: PChristensen@Continental.com
Subject: [4885] RE: 450 Ohm Ladder Line Questions
Message-ID:
<c=US%a=_%p=Continental%l=SEEXCH01-961122142755Z-1465@neexch01.continental.com>

Another possibility (albeit expensive) is to use vacuum relays as a remotely controlled knife switch. Presently, I remotely switch between two ladder lines through four Jennings SPST 75 AMP/75KV vacuum relays. Another set of vacuum relays are tied into the common ladder for lightning disconnect purposes. This is automatic: when either rig's power is on, the common relays close.

-Paul, W9AC

>

From owner-qrp-l@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Bill Myers <bmyers@destin.nfds.net>
Subject: [4909] Re: 450 Ohm Ladder Line Questions
Message-ID: <1.5.4.16.19961122113401.09b74bb4@destin.nfds.net>

Question, oh wise and wonderful antenna experts...

In reference to the 450 ladder line switches, wouldn't it be easier to use a 1:1 choke (say 10-15 coils of 52 ohm coax on a 2-3 inch pvc pipe) just outside the entry point to the house and run a short length of coax to a standard coax switch?

What would actually be gained by running the ladderline all the way to the switch for that extra few feet?

Thanks in advance, I'm using ladderline more but choking it outside the entry point and was wondering...

72/73

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Dan Hogan <dhhogan@lightside.com>
Subject: [4917] RE: 450 Ohm Ladder Line Questions
Message-ID: <3.0.16.19961122094220.32ff9ff2@mail.lightside.com>

The best practical advice and equipment for ladder line and coax is the Wirebook III \$3.00 from:

The Wireman, Inc.
261 Pitman Road
Landrum, SC 28356
(864) 895-4195
(800) 727-9473

He has the knife switches.

The usual disclaimers. I just buy my wire and antenna stock from him.

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: JCoote@aol.com
Subject: [4944] Re: 450 Ohm Ladder Line Questions
Message-ID: <961122205658_1352127650@emout02.mail.aol.com>

In a message dated 96-11-21 18:08:17 EST, ghanson@uts.cc.utexas.edu (Gary R. Hanson) writes:

<<

1. Does anyone make a commercial antenna switch for ladder line?

>>

What comes to mind are the old-fashioned DPDT knife switches. These had a ceramic base, brass or copper bars and contacts and a plastic handle on the switch. Not very pretty but appropriate for when the antennas are terminated outdoors and you want to switch antennas, ground them or whatever.

Large DC relays might be appropriate. Some of these have contacts which ought to handle ham-level RF currents and voltages... the spacings may be an inch or so, close to the impedance or spacing of your line.

You might also be able to make a ladder line switch using a CERAMIC

double-pole rotary switch. Depending on your power levels, you could use a system of binding-posts, banana jacks and 2-pole plugs... or all ceramic insulators out of a mad scientist movie for QRO powers.

73, Jay
W6CJ

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [4947] Re: 450 Ohm Ladder Line Questions
Message-ID: <Pine.SOL.3.94.961122205604.19011C-100000@utkux4.utcc.utk.edu>

Bill,

Re: runnig parallel line all the way to the tuner vs. using coax/choke indoors.

The difference is in need and goal.

a. Need: if possible and practical, it is best to run the parallel line all the way to the tuner. This minimizes losses and provides the user in a testing mode the most accurate information on impedance the parallel ine presents. In the operator mode, if the inside of the house presents too many potentially unbalancing influences to the parallel line, then for many, the best route is to change from parallel line to coax at the house entry point and to accept the loss presented by the coax to higher SWR conditions. However, coiled coax may not be the most efficient choke, since to be effective, it requires many, many feet of coax on the lower bands. A W2DU-type "ferrite cores over the outside of coax" choke may reduce the coax run and the loss it occasions on those bands where the SWR is high. Where coax is needed to overcome indoor imbalances in the feedline, it should be the shortest length that will do the job. However, note that even the W2DU choke is not completely lossless in its own right.

b. Goal: my impression of the original message was that the writer wanted to perform some A-B tests with antennas, and that parallel line to the tuner was not a problem. If that impression is correct, then direct switching of the parallel lines is preferable by being the most direct method. If across-the-room sweitching is needed, then remoting heavy, wide-spaced contact relays, configured on a board to most closely simulate the spacing of the parallel feeders within physical limits of the devices, would be simply with hamfest junk box parts. Vacuum relays have been suggested and are excellent, but ordinary heavy duty relays (for curent nodes) with wide contact spacing (for voltage nodes) ought to work very well also if kept out of the rain.

I suspect most of the responses read the original in a somewhat similar way. Not a thing wrong with conversion to cox and coax switching, if that meets the needs and goals of the individual's project. But my suspicion is that the needs and goals of the project in question were a bit different from those that occasion the use of conversion to coax.

-73-

LB, W4RNL

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Jim Hydzik <congress@magpage.com>
Subject: [4938] Re: 50 States in 50 Days Start 1-1-97
Message-ID: <199611230125.UAA02657@alaska.magpage.com>

Howdy Chuck,

Since you're always looking for something new, how about starting out 1997 with one state per evening and sked every state to be on during the first 50 days of 1997. Those of us who constantly run 2 rigs simultaneously can even opt for dual band operation on 40 and 80 M on the same evenings.

Watcha think?

Jim K3QIO/Delaware

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [4940] Re: 50 States in 50 Days Start 1-1-97
Message-ID: <199611230244.UAA00379@multi13.netcomi.com>

Very creative idea. Do you think all 50 'statesmen' (statespersons?) could be rounded up from the list?

To ease the burden on folks who have families, how about 50 states in one year? Each week would have two statesmen from different states. Each state would be on the air twice in the year, with two extra weeks allotted to extra time for rare states.

The two states each week could be any night of the week (except fox nite!),

even the same night for both (frequency division multiplexing instead of time division multiplexing).

1997 = 40m
1998 = 30m
1999 = 80m
2000 = 17m or 20m
2001 = 15m or 12m
2002 = 10m

I suspect that Chuck has his hands full right now, but YOU could organize it with a little help from the rest of us!

Mike K1MG

>
> Since you're always looking for something new, how about starting out
1997
> with one state per evening and sked every state to be on during the first
50
> days of 1997. Those of us who constantly run 2 rigs simutaneously can
even
> opt for dual band operation on 40 and 80 M on the same evenings.
>
> Watcha think?
>
> Jim K3QIO/Delaware
>

From owner-qrp-l@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Jim Hydzik <congress@magpage.com>
Subject: [4942] Re: 50 States in 50 Days Start 1-1-97
Message-ID: <199611230148.UAA03584@alaska.magpage.com>

Thanks Jack, Just what I'd expect Chuck to say :)

At 07:35 PM 11/22/96 -0600, you wrote:

>I would not like to seem mystical, Jim, but why don't you do this.
>It seems a great idea. I mean going for a state a week. I don't think
>we have all 50 on the -L, but I haven't studied it. Also, you could
>include VE's somehow.

I got to check the original post but WE can do a state a day, instead of a week. Most guys need only 5-15 states to polish off WAS so it wouldn't

impact anyone very much, except the co-ordinator :) The new fellows on the block would pick up both a bunch of states AND their code speed just because of the intensity factor within a 50 day period.

Riding the CW-only wave in Del/QRP Jim K3QIO

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: dtmiller@dsmnet.com (Dean T. Miller)
Subject: [4869] re: cad programs??
Message-ID: <09961021231726.OUI89.dtmiller@dsmnet.com>

On Wed, November 20, 1996 Sterling <slombard@primenet.com> wrote:
>On Wed, 20 Nov 1996, Wayne Barnhart wrote:

>> >Have you heard of a program called Circuit Maker? This is a great
>> program

>> Does it generate a pcb pattern as well?

>No, unfortunately it doesn't generate the pattern

As I understand it (having only just tried the CircuitMaker demo),
CircuitMaker produces an output netlist for a companion PCB drawing
program. Each program is advertised at \$299.

Anyone know where to get it cheaper??? (normal ham request)

Dean -- (ex W0ZHG, W1EDY -- but refreshing my code speed)

--

-- Dean -- from Des Moines ---- Using: OUI Internet Mail TE 1.5 from <http://www.dvorak.com>

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: "Paul R. Valko" <prvalko@oakland.edu>
Subject: [4954] Re: Callsigns & Licensing Events - What Happened When??
Message-ID: <Pine.OSF.3.95.961122225104.32300B-100000@vela.acs.oakland.edu>

Novices "lost" distinctive callsigns in 1976.

Prior to then, there were KN# who became K#--- WN# who became WA#--- and
WN# who became WB#---

Prior to KN#, there were no novices!

73 =paul= w8kc

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [4957] Re: Callsigns & Licensing Events - What Happened When??
Message-ID: <Pine.SUN.3.90.961122203804.14982B-100000@vortex.sage.dri.edu>

On Fri, 22 Nov 1996, Paul R. Valko wrote:

>
> Novices "lost" distinctive callsigns in 1976.
>
> Prior to then, there were KN# who became K#--- WN# who became WA#--- and
> WN# who became WB#---
>
> Prior to KN#, there were no novices!

Not quite!

In January of 1953 I was issued the callsign of WN6JX0. About 3 months
later I upgraded to general and was then W6JX0.

After all the W# were gone, they started with the KN# to K#. We all used
to laugh at those funny calls!

Imaging that, a USofA call, starting with a "K"! Wow, what is the
world comming to..... :-)

Just to throw some more usless data into the pot.....Experamental
licenses still have some strange calls.....ours at work was
KA2XDW ! This has nothing to do with amateur radio! I let that
license expire about 2 years ago. It was in the name of the Desert
Research Institute. (Or maybe it was UNR, one or the other).

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: "Bob Follett" <bfollett@ditell.com>
Subject: [4936] RE: FDIM Registration
Message-ID: <199611230025.RAA18377@orion.ditell.com>

Ok Gang:

The first registration for FDIM has been received. Dave Benson, NN1G, is
Number 1 !!!

Get your color printer fired up Preston!

73, Bob, FDIM Registration Czar

Bob Follett AB7ST, QRP-L # 129, NorCal, ARCI, 10-10, ARS
2861 Estates Dr. VOICE: 801.649.6457
Park City, UT 84060 E-mail: bfollett@ditell.com

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: PDouglas12@aol.com
Subject: [4952] Re: FDIM Registration
Message-ID: <961122224620_672103946@emout18.mail.aol.com>

Oh boy, here we go. Well Bob, to be absolutely accurate, Dave Benson of
Small Wonder Labs emailed me last week, before the Vendor's Gate opened! I
think he should sue his email carrier for premature delivery! Seriously, I
will be emailing Vendors' invitations in January and I will be sending out
snail mail if I don't have email addresses for companies involved in
commercial QRP products/services. And SWL is already on my list, of course.

Sorry for the bandwidth, gang, but doncha' want to know what will be
happening at the second annual Four Days in May in Dayton this spring? Start
making plans to be there. It will revitalize your interest in ham radio and
QRP, and you will have one of the best times of your life. You have been
promising yourself this for years, haven't you? This year. Do it. And
start planning early. FDIM is going to sell out! And FDIM is only a part of
the Dayton experience. The Hamvention is genuinely awesome.

72,

Preston WJ2V

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [4923] Re: FOX Schedule - Novice/Tech+
Message-ID: <199611221958.TAA17130@chuck.dallas.sgi.com>

Brad,

Wow, a challenge!? Let me see if I have a rig that will go above 7.070MHz. Will have to take one of the old Explorers and make it my Novice rig. I'll try to be your first TX hunter/huntee QSO.

We'll get some more TX stations on for you. Just don't point the beam west until we talk to you. Of course, the CA vs. TX race doesn't count in the Novice band.

The wind should be in from the North by Tuesday, so the signals should be good. :-) Listen for the weak one as I'll be going upwind.

And who are you calling a turkey?? :-) Gobble gobble gobble. ;-)
Oh, you said 'for the turkey'.....

I will be at your speed so don't panic and get nervous before showtime. Exciting isn't it?

So everyone on the group come on up this next week. That is if you aren't heading for the airport early, what with this being the most hectic time of the year to get into a plane. I see a lot of scores that don't have a .5 in them, including mine, so let's get with the program. Help Brad set a new Novice record. Then we'll all come back for the next one so as to keep upping the record for each Novice/Tech+. Those of you with a 0.5 give the rest of us a shot. We know you're good. ;-) Also let's see if we can give Brad the first five minutes to work other Novice/Tech's to give them a chance. I only have two in the hunter's area right now. Come on guys/girls in the Novice crowd, you can do it.

I made a big mistake looking at the above msg before I push the big SEND button. Everyone in TX will be there trying to beat me to the punch. I wish 'em all luck 'cuz they're gonna need it. :-)

Oh, a hint for everyone. As a hunter you kill a lot of time by sending KB0ROL DE K5FO K5FO K (besides that's my call) :-)
Or whoever the fox is, they know their call.
Just send your call once, i.e. K5FO and don't send anything else. The trick is WHEN to send it. It speeds things up by eliminating extra unneeded info. And especially true for speeds under 20 wpm. The fox will repeat your call and the information, so that is your opportunity to make sure he/she gets it right and you will be in the logbook and the postings. Brad and any fox should only have to send their stuff one time and not repeat. You'll hear it a lot and get fills by hanging around or get it all from him from his previous contacts before you call.

You'll know you're doing it wrong when you finish and WB0ROL is already halfway through the exchange with another station. And don't do your_call K as you'll probably have an extra letter in the postings. Not for Brad of course as we know he'll get it right. It is just something that happens a lot in contest type situations. The voice of experience. Been there. Seen and done that.

If you feel overwhelmed, don't feel like you are alone. There are a lot of tricks and lots of time you need doing this stuff before it all becomes second nature. But you never get to be perfect. It is not all that easy and there is a great deal to be learned.

dit dit es gl Brad et.al.

SIG

Chuck Adams (K5FO CP-60) WAS 40m/30m/20m=49/49/50

EMPS QS0s=109 STATES(w/c)=34/2 DX=0

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996

From: Bob Kellogg <ae4ic@nr.infi.net>

Subject: [4870] Re: Fox: Tuesday (really)

Message-ID: <199611220522.AAA25332@mh004.infi.net>

Hi Bob,

At 08:05 PM 11/21/96 -0700, you wrote:

>At 03:08 PM 11/21/96 -0500, Bob Kellogg wrote:

>>Hi Gang,

>>(snip)

>>Date: In America, Tuesday, Nov. 27. UTC, Wednesday, Nov. 28

>My calendar says Tuesday is Nov 26 and Wednesday is Nov 27 U.S. time. Are

>we in the right year?

Roger, I'm not sure we're on the same planet. Ellen has withheld my medication because I refused to eat the babyfood. Hopefully, this will soon be very clear. I guarantee everyone will understand by November 29th. I told you I stay confused about UTC and USA time. Why won't you believe me??

Thanks for the note.

CUL,
Bob Kellogg, AE4IC
Prolably, but not nececelery. - Benny Hill

From owner-qrp-l@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Bill Myers <bmyers@destin.nfds.net>
Subject: [4871] Re: Fox: Tuesday (really)
Message-ID: <1.5.4.16.19961121232729.0bb790bc@destin.nfds.net>

At 03:08 PM 11/21/96 -0500, Bob Kellogg wrote:

>Also, I'll not be hiding. I plan to jump right out of my burrow and thumb
>my nose at you all. But remember, I'm pretty new at this morse code stuff,
>so be gentle. If I get confused I may have to let you take turns by area
>or something.

Does this mean you'll slow to under 25WPM???

>Exchange is RST, S/P/C, NAME, QRP-L NR. in that order.

Ahhhhhhhhh. This is so you can keep the code speed up, give it in the right order and you won't have to "figure" out what they're sending...

>Be lookin' for you tuesday night!

Nope!.. Truthfully, we'll be looking for YOU!!!!!!!!!!!!!!!!!!!!!!

72/73

--

Bill Myers KK4KF FISTS#2390 QRP-L#755 ARRL ARCI#9282
Grid EM60rk (Shalimar, FL 32579)
Snail Mail P. O. Box 178
e-mail <bmyers@destin.nfds.net>
homepage <http://destin.nfds.net/~bmyers/>
(Reptiles/Emergency Services/Amateur Radio)

CHECK OUT THE FISTS INTERNATIONAL CW CLUB U. S. HOMEPAGE

<http://n9nvv.qrp.com/~fists>

^^^^ That's N 9 N V V

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996

From: rhigh@primenet.com (Roger Hightower)

Subject: [4873] Re: Fox: Tuesday (really)

Message-ID: <199611220538.WAA13337@primenet.com>

At 12:22 AM 11/22/96 -0500, Bob Kellogg wrote:

>Hi Bob,

>At 08:05 PM 11/21/96 -0700, you wrote:

>>At 03:08 PM 11/21/96 -0500, Bob Kellogg wrote:

>>>Hi Gang,

>>>(snip)

>>>Date: In America, Tuesday, Nov. 27. UTC, Wednesday, Nov. 28

>

>>My calendar says Tuesday is Nov 26 and Wednesday is Nov 27 U.S. time. Are

>>we in the right year?

>

>Roger, I'm not sure we're on the same planet. Ellen has withheld my
>medication because I refused to eat the babyfood. Hopefully, this will soon
>be very clear. I guarantee everyone will understand by November 29th. I
>told you I stay confused about UTC and USA time. Why won't you believe me??

>

>Thanks for the note.

>

Well, Bob, I've been painting the inside of the house for the last few days
and wanted to be sure the fumes weren't getting to me. After the 6th
gallon, everything is fuzzy, :-)

Thanks for the corrected posting.

72/73 de Roger N7KT (ex AA7QY)

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996

From: "Walter B. Thomas" <walter.thomas@gsfc.nasa.gov>

Subject: [4922] Re:FS: NC40A and OHR ExII

Message-ID: <2.2.16.19961122152730.24cf6f6c@pop300.gsfc.nasa.gov>

Both the NorCal and the OHR ExII have been spoken for.
Thanks for all the inquiries.
Walt Thomas/WA4KAC

From owner-qrp-l@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: svecbrdk@well.com (L.Svec,W.Burdick)
Subject: [4877] Re: HB: Digital NorCal - PIC counters, huff 'n' puff, etc.
Message-ID: <199611221009.CAA28286@mh1.well.com>

Hi John [G4EDX]:

Enjoyed reading about your PIC experiments. A few comments:

The idea of using the PIC as a counter is a good one; I did it in both the KC1 and KC2, and others have, too. It's logical to extend the PIC counter concept to simple D/A output directly from the PIC, directly controlling the VFO frequency via a varactor diode. This works--I highly recommend it as an exercise in PIC programming.

Further extending the notion to huff 'n' puff (closing the loop between the counter and D/A) is the ultimate, of course, and Ed Burke has recently demonstrated an excellent implementation in an 80m SSB transceiver.

But there are some subtleties in all this that may or may not cause problems in your particular application. These are best learned the hard way, so no one should be discouraged--just do it!

Here's what I've learned:

(1) The DL1414--an ancient and very inefficient smart display module--draws on the order of 100mA with a typical number of segments lit. There goes portability, unless you want to turn it off most of the time (which you'll have to do anyway--see #2).

(2A) The DL1414 is NOISY! High-current, multiplexed LEDs generate hash all over the band, and you'll have to either turn the display OFF or shield the whole thing. (You think there are a few birdies with the PIC by itself? Hah! Wait till you hook up a DL1414. I used four of them in a TTY decoder, and it still trashed 20m CW on my ICOM 730 even when the decoder was in a shielded box!) Use an LCD, or be prepared to box the whole thing in soldered copper-clad PCB stock and use feedthrough caps.

(2B) Note: multiplexed LCD's like the 16x1 ASCII type can be just as

noisy! I used a nonmultiplexed LCD and a fully static display controller in the KC2 to eliminate nearly all splatter. The entire KC2 assembly is only about 1" tall x 3" wide, smaller than most 16x1 LCDs. The point is that if you don't need 16 digits, consider a non-multiplexed 7-segment LCD.

(2C) The PIC itself is noisy, too, at typical clock speeds. To get around this, you can either: (a) shield the whole thing; (b) turn it off most of the time; (c) do what I did on the KC2: run the PIC at 100kHz. It generates almost zero noise this way. The compromise is that the PIC can only count up to 6.4MHz when running at 100kHz, whereas at 4MHz the PIC can count up to 50MHz! Another trick is to run the PIC at 2V. This results in much less energy in the edges since the CMOS logic then spends most of its time in the transition region--almost like running the CPU on sinewaves instead of squarewaves! Whether your LED or LCD can run at 2V is another story.

(3) Up/Down buttons are suboptimal for a heavily-used frequency control. Try it some time. A knob offers direct, proportional control, analagous to a steering wheel; buttons have an inherent disconnect, as in setting a digital clock. In some cases buttons might be OK, of course, such as when tuning a very small range or when space is very limited.

(4) Without very careful attention to detail, huff 'n' puff can cause VFO jump -- witness the Scout. Control down to only 125Hz is a serious problem because there's no way to avoid +/- 1 step "hunting" even when the VFO has stabilized. So for huff 'n' puff locking, you'll really want 20Hz or less. A step size of 5Hz is probably best since it's all but inaudible, but that means many more bits in your D/A.

Hope you're covering all these bases, but in any case have fun!

73,
Wayne

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [4896] Re: iambic keying
Message-ID: <Pine.SUN.3.90.961122074156.11650B@vortex.sage.dri.edu>

Hi Bob and All,

I have used a imbic keyer and paddles for many years and I still don't know which letters I do which way! And I don't care....I just send and it comes out!

With a single lever paddle/keyer, I have to go much slower.

My advice is to just play with it and let your fingers send however they want! Set your goal to be smoooooth, not fast. Speed will come. Form the letters iambicly enough for your fingers to know how to do it and then let them decide how they want to work!

Don't look for any science in the above ramblings....just a few years of observations and what works for me!

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: "Mike Siegel" <ki6pr@msn.com>
Subject: [4906] RE: iambic keying
Message-ID: <UPMAIL05.199611221655250735@msn.com>

> Do you guys memorize which letters in advance are faster iambicly, or > is it just a "feel" you get to after a while. I mean how do you anticipate > which letters you are going to send iambicly? Some letters just don't > seem to work smoothly in iambic fashion and I keep falling back to using > the paddles as if they were single.

Nothing too wrong with that, Bob. First off, as a new practitioner of iambic keying, you should realize that not all letters are iambic. The iambic characters are: C, F, K, L, P, Q, R, X, and Y. All iambic refers to, is the ability to use a paddle/keyer combination, to insert a dot or dash character into a short stream of other characters, to form one of those iambic letters, smoothly, and with minimal effort.

Part of the trick is to practice, off the air - A LOT. Get used to the feel of the paddles. Get used to the feel of each of the letter combinations you'll be sending. And get used to the timing of your keyer. After a while, the only thing that will feel awkward is weird letter combinations.

72/3, Mike KI6PR
El Rancho R.F., CA

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: "Len W. Tough" <len@infinet.com>
Subject: [4919] Re: iambic keying
Message-ID: <199611221850.NAA08323@mail1.infinet.com>

Great Question!

I key Iambic (80%), Bug (15%), and straight (5%). Iambic is my favorite key, with practice you will get to where you can send comfortably at 35 to 40 wpm. Too bad I can't read that fast (hi!!).

The letters C Q K R Y F L (the iambic seven) lend themselves well to iambic mode keying. I would be interested in finding out if you are using Curtis Mode A or Mode B for Iambic keying? Mode A has no alternate character following, while Mode B does. For example, In mode B, I can simply start the letter C with a squeeze on the dah paddle moments before closing the dit paddle - then just hold them together until you hear the second dah and release BOTH PADDLES AT THE SAME TIME, curtis mode B automatically adds the following dit for you. If you did this in mode A, you would get a K instead of a C because the final dit would not transmit unless you "HUNG" your finger on for that final dit. I personally find that mode B is the fastest mode, heck, I am a bit lazy, I want easy morse with the smallest effort, and I can easily key faster with mode B. BUT---The choice is yours. I am frequently at K8IDN's QTH, and he is a Mode A user. I can tell you the problems you will encounter if you are used to mode B, and you try to apply your technique to mode A - you get wrong letters. The letter K can get clipped to an N, The C to a K, and so on. In my experience, mode A users sometimes have trouble the other way as well, the automatic alternate character following of mode B sometimes adds characters and gives them poor fists as well. I experimented with both when I began CW in earnest, and I am sold on Mode B's keying technique - Try em' both, and decide. Most keyers have the choice either externally, or internally to switch the modes.

I remember starting off with CQ CQ CQ until I got the nack of the keying technique, then I worked on the iambic seven. My problem was that I really had to concentrate in the heat of a qso to make sure I did not slip back to a "BUG" type technique, and stayed with the iambic keying. My two nemessis letters were especially F and L - Iambically, it is a squeeze technique rather than alternate paddle hits - it took me, oh, about 1 month to really commit to iambic rather than slipping back to manual hits on these letters. (BTW, I assume you are taking the most

traveled road and are using your thumb for dits, and your index finger for dahs - either way is OK, but most of the shacks I visit have the thumb dit set-up and it makes it easier to sit and go!)

I hope this helps. I know that Bencher had a great reprint (I think from CQ Mag) about the above, but I can't seem to find it now. If you are interested, I will continue to look.

Enjoy, and have fun!

73
Len
KG8SF

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: henley@adept.com (Bill Henley)
Subject: [4908] Re: iambic keying - finger smarts
Message-ID: <199611221700.JAA01876@golf.adept.com>

:^)From: Monte Stark <ku7y@sage.dri.edu>
:^)My advice is to just play with it and let your fingers send
:^)however they want!
:^)Don't look for any science in the above ramblings....just a few
:^)years of observations and what works for me!
:^^)

I agree, another case is combination locks...after long periods of not being needed, I can pick up a combination lock and my finger will remember the combination.

At least there's some brains SOMEWHERE....:-)

Nother observation...seems to me driving and learning code is hazardous to my health...only lapses of attention though...not to worry.

bill n6rhf

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [4912] Re: LU4FM CQWW CW test (NN9K)

Message-ID: <199611221854.MAA24652@multi13.netcomi.com>

Can anyone tell me the exchange and other details of the CQWW contest? I don't subscribe to CQ so I usually just pick up a single copy if I am going to participate that year. Don't plan on making a contest effort this year, but I may lurk around a little, looking for new countries.

Thanks,

Mike K1MG

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Patrick Taber <ptaber@logiccraft.com>
Subject: [4915] Re: LU4FM CQWW CW test (NN9K)
Message-ID: <1.5.4.32.19961122181140.0093aae0@freebird>

At 09:47 AM 11/22/96 -0800, you wrote:

>
>

>Can anyone tell me the exchange and other details of the CQWW contest? I
>don't subscribe to CQ so I usually just pick up a single copy if I am going
>to participate that year. Don't plan on making a contest effort this year,
>but I may lurk around a little, looking for new countries.

The exchange at your end is 599 05. (At least if you're in the "1" call district as your call implies.)

The first number is like 73 or 88 -- it's a code number that means "I'm working the contest." The 05 (zero 5) means you're in CQ Zone 5.

You will receive 599 ### where the exchange translates to "I'm working the contest too" and their CQ zone. If you don't get the zone, it's not a big deal -- send the special prosign "TU" which means "I didn't get the exchange, but I can look up the call and fill it in afterwards." If you were calling CQ, follow it up with QRZ -- a contest term that means "Good luck."

I don't believe there is a serial number involved, but if there is, start at 1000 and increment by no more than 10 for each contact.....

(OK, ok, I'm joking. But 599 05 is right. Honest.)

>>>=>PStJTT

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [4918] Re: LU4FM CQWW CW test (NN9K)
Message-ID: <199611221945.NAA25564@multi13.netcomi.com>

Great! I certainly enjoyed your reply. It's all too true.

I'm actually on the left coast, in Saratoga CA, which would put me in zone 4, I think. I kept my 1-land affiliation since it adds about 1 S-unit to my signal over a W6 call.

Maybe I'll confuse some of them by sending " 589 04". The response will probably be, "Uh, what was your zone again?"

Thanks,
Mike K1MG

> The exchange at your end is 599 05. (At least if you're in the "1" call
> district as your call implies.)
>
> The first number is like 73 or 88 -- it's a code number that means "I'm
> working the contest." The 05 (zero 5) means you're in CQ Zone 5.
>
> You will receive 599 ## where the exchange translates to "I'm working the
> contest too" and their CQ zone. If you don't get the zone, it's not a big
> deal -- send the special prosign "TU" which means "I didn't get the
> exchange, but I can look up the call and fill it in afterwards." If you
were
> calling CQ, follow it up with QRZ -- a contest term that means "Good
luck."
>
> I don't believe there is a serial number involved, but if there is, start
at
> 1000 and increment by no more than 10 for each contact.....
>
> (OK, ok, I'm joking. But 599 05 is right. Honest.)
>
> >>>=>PStJTT
>

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996

From: rhigh@primenet.com (Roger Hightower)
Subject: [4928] Re: LU4FM CQWW CW test (NN9K)
Message-ID: <199611221915.MAA18787@primenet.com>

At 09:47 AM 11/22/96 -0800, Michael A. Gipe wrote:

>
>
>Can anyone tell me the exchange and other details of the CQWW contest? I
>don't subscribe to CQ so I usually just pick up a single copy if I am going
>to participate that year. Don't plan on making a contest effort this year,
>but I may lurk around a little, looking for new countries.
>
>Thanks,
>
>Mike K1MG
>
>

Hi Mike. The exchange is simple....RST plus zone, i.e. 55903. No serial numbers, no zip code, etc. Just one button on the memory keyer, :-)

Good luck. Think I'll lurk a little, too, now that the paint fumes are clearing out.

72/73 de Roger N7KT (ex AA7QY)

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: "Laura" <sputnik@imt.net>
Subject: [4897] Re: Official Fox Soapbox
Message-ID: <199611221542.IAA12818@cu.comp-unltd.com>

Dear Mark and the Group:

I heard you calling CQ. I really wanted to get an Eastern Fox (the rare species which I believe is endangered). You're right, the first hour was much better and you were loud! But you didn't hear my puny 3.5 watts here in Montana. After awhile the QRM on nearby frequencies ate your signal. So I went hunting for the N/T fox, Niel. I did get him, which was wonderful. My fellow hunter, N7GS, told me on two meters that your signal came back up and he got to work you right at the end...but I was not so lucky. Oh well, maybe next time!

73 de KJ7UN

Laura

Laura Marino Lubner
Reese Creek Montana USA
sputnik@imt.net
homepage: <http://www.imt.net/~sputnik/kj7un.htm>
GHRC / ARRL / MARC / QRP-L # 790

From owner-qrp-l@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: km1h@juno.com
Subject: [4924] Re: QRO Amplifiers For Sale
Message-ID: <19961122.152043.9911.0.km1h@juno.com>

Great CB amps Ed! The 140W version, complete with enclosure, heatsink, relay, etc selling new for \$200 or less at truck stops. Used ones go for \$100 + . The CBers "upgrading" to 400, 800 and 1200W solid state amps.

I guess that goes hand in hand with the current availability of Kenwood ham rigs at the same truck stops. Make me want to puke!

Give me a LL someday, the old phone # still good.

73; Carl KM1H Radiokit

From owner-qrp-l@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: km1h@juno.com
Subject: [4932] Re: QRO Amplifiers For Sale
Message-ID: <19961122.170125.9911.7.km1h@juno.com>

Hi Ed. Ive about given up....ethics are gone in so much of the ham biz. .

I'm still at 603-635-2235 but it usually takes 7+ rings to get me to put the soldering iron down. If no luck there try 603-635-1170 thats my computer sales line.

I was a bit off before. The CBers are doing multiples of 300W amps, not 400W. Using a pair of some 2SC.... per module. They then use those to drive tubes such as the 3CX3000 thru 3CX15000 or similar big 4CX series in GG ! You think hams are crazy! No wonder Congress has a pending bill to allow states to shut down TVI offenders, including hams. 10GHz

looking better every day.

CUL....Carl

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Sterling <slombard@primenet.com>
Subject: [4905] Re: QRP
Message-ID: <Pine.BSI.3.95.961122092124.26715C-100000@usr07.primenet.com>

Yea! there's some great books out there. I have only 4 of them, but there's about 20 really good ones all together. Here's a list of the ones I've got:

"W1FB's QRP Notebook"
"QRP Power" <--borrowing this from a friend
"Solid State Design for Radio Amateurs"
"QRP Notebook" <--- a lot of cool articles from QST

Those are the books that I have so far.... I plan on getting a lot more. One thing you may wanna think about is test equipment. The coolest piece of test equipment is an O'scope up to about 100MHz. Another important piece of equipment is a dummy load/swr meter. Most of this stuff is described in the W1FB book. I'm just starting myself, so I have 0 test equipment.... I would really love to have a scope cuz that takes care of most of your needs. :)

I'm currently building a HW-30 from Small Wonder labs. This kit cost me only \$55 dollars... It puts out about 1.5W and is vfo controlled. I only bought the basic kit... (parts + circuit board). What I have to provide is all of the connectors, tuning pots, and enclosure. It's really a much better deal considering that I purchased an atv xmitter kit for \$100 that had less, if not the same, complexity. If you want a schematic right away, you can go to this url:

<http://www.fix.net/~jparkar/49sch.html>

I got this off of the Norcal Page... there's all kinds of mods and projects on this page.... it's a really good site. I hope this get's ya started... Let me know how you're comming along. :)

BTW: Thanks for the compliment on the web page. :)

-Sterling W. Lombard (The Phreique)
<http://www.primenet.com/~slombard>

On Fri, 22 Nov 1996, Keith Hall wrote:

> Sterling,
>
> I saw you message on the QRP BB. What an awesome homepage you have!
> Anyway...I'm trying to figure out what I need to get into the QRP
> business. When you got you kit and assorted materials. What all did
> you buy? I'm looking to get some basic questions answered about QRP.
> Can you reccomend a book or something. Thanks for your time.
> Keith
> NOOMX
>

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Norm.Lee@flinders.edu.au (Norman J. Lee)
Subject: [4872] Re: QRP-L digest 552
Message-ID: <v01540b01aebb167621f4@[129.96.234.104]>

Gary KJ5VW asked if running 450 ohm line next to his steel tower is a problem. well, theoretically speaking yes it is a problem. However, if you let that influence you, civilisation would not have moved out of the caves!! I run 300 ohm ribbon from my shack, through a duct in the wall, across the pergola and up 10 meters to a dipole initially cut for 40 meters. I run two watts through this and have worked half of Asia, a while ago I built one of Wes Haywoods designs and ran 400 milliwatts - worked all VK including VK9 and VK0 plus ZL. Don't worry about it Gary, old son. Just do it!!

Enjoy

Norm VK5GI

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Norm.Lee@flinders.edu.au (Norman J. Lee)
Subject: [4876] Re: QRP-L digest 552
Message-ID: <v01540b03aebb230d1757@[129.96.234.104]>

Just a reminder that the Annual Mummy and Daddy of All Radio Junk Sales is

on tomorrow (Saturday) at the RSL Hall near the corner of Goodwood Road and Cross Road, Adelaide South Australia. (9.15am local time) I can't believe my luck....the YL has gone to Melbourne to visit my daughter, I have the housekeeping in my pocket and I can live for a week on fish and chips anyway.....

Norm VK5GI

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: jeffa@ix.netcom.com (Jeff Anderson)
Subject: [4939] Re: Sierra Receiver noise
Message-ID: <199611230125.RAA23243@dfw-ix11.ix.netcom.com>

Grover wrote:

My Sierra seems to have a noisy receiver, that is, there seems to be a great deal of "shot" noise, even with a terminated input connector. Has anyone else experienced this?

Grover
K7TP

YES! And it drives me absolutely nuts. Very tiring over a long period.

- Jeff, WA6AHL

By the way, mine is a club kit, not a Wilderness radio kit.

From owner-qrp-1@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [4904] Re: Something nice to say:
Message-ID: <Pine.SUN.3.90.961122084556.11825C-100000@vortex.sage.dri.edu>

On Fri, 22 Nov 1996 PDouglas12@aol.com wrote:

> Paul Harden is one of the more knowlegeable and
> incidentally well equipped member of our group.

Hmmmmm. Does Paul know that you have been analyzing his equipment?

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: FACMSA@facilities.buffalo.edu (Adams, Mark S.)
Subject: [4883] RE: TNX and FOX
Message-ID: <1996Nov22.081200.1483.32314@facilities.buffalo.edu>

from NR3E

Finally heard Mark, put out a call, and got him. Nice
job, Mark. You certainly sounded cool under fire.

Sounded cool? I was confused, flustered, and a hot shower afterwards was
needed to calm my nerves!

72, Mark

From owner-qrp-l@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Bill Howell <bhowell@mail.utexas.edu>
Subject: [4929] Re: TS-440 Low Power Adjustment/ Kenwood Svc Bulletins
Message-ID: <199611222120.PAA30061@mail.utexas.edu>

ftp://ftp.kenwood.net/pub/Amateur/ASB_.txt_format/

Steve- This is the Service Bulletin location.
Download Indexmod.txt to see which bulletins apply to your Kenwood rig.
There are several for the '440.

There is another location which has APPLICATION NOTES. This is info on
various models which may not have been covered in the owners manual.

ftp://ftp.kenwood.net/pub/Amateur/Amateur_Application_Notes../

[illegible][illegible]

Kenwood Service Corporation
2201 East Dominguez Street
Long Beach, California 90801
Telephone 1-310-639-5300

[illegible]

SUBJECT: PLL UNLOCK DUE TO VC05

This modification will correct or prevent an unlock caused by VCO #5.

2SC2459(BL)	TRANSISTOR	QTY. 2
1SV153	VARACTOR DIODE	QTY. 1

1. Disconnect the power supply and antenna.
2. Remove the top and bottom covers. Do not damage the speaker wires when removing the top cover.

3. Remove the two screws from the rear of the IF unit and raise the unit to expose the PLL board.
4. Remove the 8 screws from the PLL board and disconnect all the cables going to the board.
5. Remove the board from the transceiver.
6. Remove the shield cover from VCO #5. Desolder and remove the shield from the PLL board.
7. Carefully remove the synthetic rubber from the area of Q34, Q35, and D14. The rubber must be picked off the board with pointed tweezers or some other tool. It cannot be removed with any type of solvent as this will harm the components in the area. You can heat the rubber with a hot air gun to allow it to be picked off a little easier, but be careful not to overheat the components in the area.
8. Desolder and remove Q34, Q35, and D14 from the PLL board.
9. Check the component side of the board to make sure all the rubber in the area of Q34, Q35, and D14 is removed.=7F
10. Once the rubber is removed, replace Q34, Q35, and D14 with new= components.
11. Inspect and resolder the foil side of the PLL board under VCO #5.
12. Install the VCO shield on the PLL board and solder it in place.
13. Seal the VCO with hot melt glue (glue stick used in a hot melt glue gun). Apply the glue to the circuit from the glue gun. Once the area is covered, use the hot air gun to flow the glue around the components. Do not overheat the components.
14. Install the PLL board in the transceiver.
15. Apply power to the transceiver and allow it to run in receive for about a half hour so the transceiver's temperature stabilizes.
16. Set the operating frequency to 14.200MHz.
17. Adjust T20 to obtain 5VDC at TP11 (the exposed lead of L40) measured with a DVM or VTVM. Do not use a VOM. After adjusting the VCO, bench run the transceiver for an hour or more to make sure the circuit is stable.
18. Assemble the transceiver.

Time required to perform this modification is 1 hour or less.

Bill Howell
University of Texas at Austin
Performing Arts Center
Electronic Maintenance
voice: (512) 471-1388
bhowell@mail.utexas.edu
N5ALO QRP-L #415

everything is sacred
nothing is serious

From owner-qrp-l@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: wb2vuo@juno.com (William K Hibbert)
Subject: [4943] RE: W1VT SS SSB Comments
Message-ID: <19961122.204141.4687.1.wb2vuo@juno.com>

>From: "Lau, Zack, W1VT" <zlau@arrl.org>
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: W1VT SS SSB Comments
>Date: Mon, 18 Nov 1996 13:30:00 -0500

>Keith, WB2VUO had a great QRP signal on
>75M, though we didn't manage to work. His
>setup seemed to work much better than mine,
>though I did manage 161 75M QSOs.

-----snip-----

>Zack W1VT

=====

I appreciate the complement on my 75 Mtr signal. The Alinco was running at 4.5 watts, single-tone (as close as I can whistle one...), the antler is an inverted vee up 40 feet, but I have to assume from the consistantly great reports on 160 - 40 Mtr that living in a swamp has its advantages. I use the term without reservation. The swamp laps at the back of my

property, the water table is only 6" to 18" down, and the back yard floods every spring when the snow melts (as does my basements, old house, and both basements are wet...)

I received a couple of negative complements, as in "Who are you trying to kid??? You aren't running QRP!", with one of these individuals telling me that he was reporting me to the ARRL for lying about my QRP. Lou, KA2DQA, a mile down the road and also located in the Depths of the Great Bergen Swamp, use to run NYPON (SSB) and NYS (CW) with an Argonaut, also on 75 Mtrs and with all the W9's and W0's coming in here stronger than the "Locals"...

This is a GOOD site for the lower HF bands.

Now, if I can just get one of those 'small' cell-phone towers installed in the back yard for my VHF.....

72/73, Keith, WB2VUO, QRP-L #582, ARRL LM, TS (WNY Section), VP/BARK, Trustee, KB2YTW/B 10 Mtr Milliwatting Beacon (250 mW @ 28.2870 MHz)
"In the Depths of the Great Bergen Swamp...FN13ac"

From owner-qrp-l@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: [4893] Re: Whaaaaa?
Message-ID: <96Nov22.101006-0500est.65735-14099+459@hooch.CC.Lehigh.EDU>

> Why did I just have to resubscribe? I was not getting any email from the
> list and when I tried a test message I was told that I was not subscribed to
> the list..What happened?

Ron & Gang,

Nothing personal, but when your list mail bounces guess where it goes...
I have no choice but to remove you if your mail bounces. I understand that many times you're not aware that it's happening, but I have no way of letting you know...

From: Mail Delivery System <Mailer-Daemon@slip.net>
Subject: Mail delivery failed: returning message to sender
Message-Id: <E0vPUH3-0006I2-00@mouse.slip.net>
From owner-qrp-l@Lehigh.EDU Fri Nov 22 23:12:51 1996
From: Patrick Taber <ptaber@logicraft.com>
Subject: [4895] Re: Ziliak Tapes
Message-ID: <1.5.4.32.19961122151918.00956ab4@freebird>

>Lot's of people will tell you that they hate tapes.

>After listening to them a few times they have them memorized.
>Sorry to disappoint them but that is the purpose and a side
>effect, but it does help. :-) It does get boring sometimes.
>Just try to keep up your interest. Remember you memorize
>songs and music by repetition.

I have to respectfully disagree here. Although probably the real answer is that different things work for different people. The problem with memorizing tapes isn't that you memorize the sounds and can turn them into characters, it's that you memorize the characters which short-circuits learning the sounds. You hear the C (which you do know) and you write the Q which you know will follow. You copy the three letters of the call sign and write the fraction bar which you know will follow....

The analogy to music and songs is a good one -- you can memorize the sounds to sing an opera in Italian without being able to speak Italian. You can memorize how tune is played on a banjo without knowing the music theory that makes the tune "work" (I do it all the time.... ;-) If you memorize a code tape, you don't learn the code, you learn the tape. Been there. Done that.

I've been playing with NuMorse lately -- a shareware program that can toss out a pretty good code practice session. It has two modes; one that waits for you to type the character it just sent (adjustable timeout) and one that just blasts away. The first mode is good for teaching my fingers to decode what my ears have heard without getting my conscious mind involved. Of course, it leaves me kind of "mill bound" but I imagine it's easier to work from there to head copy.

One thing I've noticed is the associations that pop into my head as I copy. When I hear a 7 being sent, as my fingers reach for the 7 key, I think of 73 -- I recognize it as part of a group that I can hear as a word rather than as a character. When I hear Q I think of QST -- again, a group I can hear at virtually any speed and recognize without thinking of the individual characters. It doesn't seem to interfere with translating the code -- that is, I'm not flustered when what follows the 7 is not a 3 or what follows the Q is not an S. It's just a funny way my mind has of placing the sound into a context. the weirdest is AR -- when I hear it my mind goes blank "I don't know what that is" flashes through and my fingers type "+" (which is keyboard talk for AR.)

>>>==>PStJTT